

Quarterly Dust Monitoring Results

Q2 2025



Date of this report	20/11/2025
Environmental Personnel Submitting Report	Les Merton Environment and Community Superintendent Cameby Downs Mine Phone: (07) 4665 8621
Relevant Environmental Authority Conditions	EPML00900113 Condition B2 (e); quarterly reporting of the measured dust deposition rates and PM10 concentrations to a publicly available website
Period	01/04/2025 - 30/06/2025

Table 1: Quarter 2 2025 PM10 Concentrations

Date	PM10 24 hour Average ($\mu\text{g}/\text{m}^3$)
01/04/2025	4.9000
02/04/2025	5.4000
03/04/2025	3.3000
04/04/2025	3.5000
05/04/2025	6.3000
06/04/2025	8.9000
07/04/2025	8.4000
08/04/2025	5.7000
09/04/2025	24.5000
10/04/2025	9.4000
11/04/2025	3.2000
12/04/2025	6.9000
13/04/2025	5.8000
14/04/2025	7.1000
15/04/2025	9.6000
16/04/2025	5.3000
17/04/2025	7.7000
18/04/2025	8.7000
19/04/2025	7.0000

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Table 1: Quarter 2 2025 PM10 Concentrations

	PM10 24 hour Average ($\mu\text{g}/\text{m}^3$)
20/04/2025	6.9000
21/04/2025	9.4000
22/04/2025	8.0000
23/04/2025	8.2000
24/04/2025	9.3000
25/04/2025	4.4000
26/04/2025	1.9000
27/04/2025	3.0000
28/04/2025	5.6000
29/04/2025	3.0000
30/04/2025	4.2000
01/05/2025	7.0000
02/05/2025	7.4000
03/05/2025	4.7000
04/05/2025	5.9000
05/05/2025	7.3000
06/05/2025	6.3000
07/05/2025	7.4000
08/05/2025	9.7000
09/05/2025	8.1000
10/05/2025	9.0000
11/05/2025	3.1000
12/05/2025	5.8000
13/05/2025	4.3000
14/05/2025	5.9000
15/05/2025	4.5000
16/05/2025	1.3000

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Table 1: Quarter 2 2025 PM10 Concentrations

	PM10 24 hour Average ($\mu\text{g}/\text{m}^3$)
17/05/2025	3.3000
18/05/2025	3.1000
19/05/2025	9.5000
20/05/2025	5.8000
21/05/2025	4.4000
22/05/2025	5.2000
23/05/2025	2.8000
24/05/2025	6.8000
25/05/2025	4.5000
26/05/2025	9.3000
27/05/2025	16.2000
28/05/2025	9.8000
29/05/2025	13.5000
30/05/2025	7.3000
31/05/2025	5.0000
02/06/2025	3.0000
03/06/2025	3.0000
04/06/2025	1.3000
05/06/2025	3.4000
06/06/2025	10.3000
07/06/2025	2.4000
08/06/2025	3.3000
09/06/2025	8.2000
10/06/2025	4.0000
11/06/2025	3.8000
12/06/2025	26.9000
13/06/2025	2.6000

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Table 1: Quarter 2 2025 PM10 Concentrations

	PM10 24 hour Average ($\mu\text{g}/\text{m}^3$)
14/06/2025	24.0000
15/06/2025	2.1000
16/06/2025	6.3000
17/06/2025	34.9000
18/06/2025	4.5000
19/06/2025	2.6000
20/06/2025	5.3000
21/06/2025	7.2000
22/06/2025	7.7000
23/06/2025	5.8000
24/06/2025	4.0000
25/06/2025	3.6000
26/06/2025	4.6000
27/06/2025	7.8000
28/06/2025	7.1000
29/06/2025	4.8000
30/06/2025	6.4000

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Table 2: Quarter 2 2025 Depositional Dust Monitoring Data

	CDG1			CDG2			CDG3			CDG4			CDG5			CDG6		
	01-05-2025	30-05-2025	30-06-2025	01-05-2025	30-05-2025	30-06-2025	01-05-2025	30-05-2025	30-06-2025	01-05-2025	30-05-2025	30-06-2025	01-05-2025	30-05-2025	30-06-2025	01-05-2025	30-05-2025	30-06-2025
Depositional Dust																		
Ash Content - Monthly (g/m ² /month)	0.3	0.3	0.2	0.1	0.5	0.3	0.2	0.3	0.2	0.4	0.4	0.3	0.2	0.2	0.4	0.2	0.1	0.1
Ash Content (mg)	5	5	3	<2	9	6	4	5	3	8	7	5	3	4	7	3	2	2
Combustible Matter (g/m ² /month)	0.6	<0.1	<0.1	0.5	0.1	0.1	0.3	<0.1	<0.1	0.3	0.2	<0.1	0.1	0.1	0.9	0.2	<0.1	0.1
Combustible Matter (mg)	12	<2	<2	10	<2	<2	5	<2	<2	4	3	<2	3	<2	17	4	<2	<2
Calculated Rainfall (mm)	74	16	14	66	13	12	67	12	17	60	13	14	65	19	22	56	15	11
Volume	1300	278	246	1160	227	210	1180	219	308	1060	236	249	1150	340	395	985	269	202
Total Soluble Matter (g/m ² /month)	0.1	2.6	0.3	<0.1	2.6	2.5	1.3	<0.1	0.2	2.6	0.5	0.2	0.4	3.0	2.7	0.5	0.3	2.0
Total Soluble Matter (mg)	2	44	6	<2	45	45	24	<2	4	47	8	3	7	52	50	10	6	36
Total Insoluble Matter (g/m ² /month)	0.9	0.3	0.2	0.6	0.6	0.4	0.5	0.3	0.2	0.7	0.6	0.3	0.3	0.3	1.3	0.4	0.1	0.2
Total Insoluble Matter (mg)	17	5	4	11	10	7	9	5	3	12	10	6	6	5	24	7	2	3
Total Solids (g/m ² /month)	1.0	2.9	0.5	0.6	3.2	2.9	1.8	0.3	0.4	3.3	1.1	0.5	0.7	3.3	4.0	0.9	0.4	2.2
Total Solids (mg)	19	49	10	11	55	52	33	5	7	59	18	9	13	57	74	17	8	39
Others	30	10	6.7	20	20	13.3	16.7	10	6.7	23.3	20	10	10	10	43.3	13.3	3.3	6.7